

PROPOSED ADDITION OF THE NAME "PHORODON" PASSERINI, 1860 (CLASS INSECTA, ORDER HEMIPTERA), TO THE "OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY" AND OF "HUMULI" SCHRANK, 1801, AS PUBLISHED IN THE BINOMINAL COMBINATION "APHIS HUMULI", TO THE "OFFICIAL LIST OF SPECIFIC NAMES IN ZOOLOGY"

By **F. C. HOTTES**

(Grand Junction, Colorado, U.S.A.)

(Commission's reference : Z.N.(S.) 430)

The object of the present application is to ask the International Commission on Zoological Nomenclature to place the generic name *Phorodon* Passerini, 1860 (Class Insecta, Order Hemiptera) on the *Official List of Generic Names in Zoology* and the specific name *humuli* Schrank, 1801, as published in the combination *Aphis humuli*, the specific name of the type species of the foregoing genus, on the *Official List of Specific Names in Zoology*.

2. The generic name *Phorodon* Passerini, 1860 (*Gli Afidi* : 227) was published in a key of genera, in which the genus so named was characterised. Passerini designated *Aphis humuli* Schrank, 1801 (*Faun. boic.* 2(1) : 110) as the type species of this genus, using the formula : "Specie typica *Aphis Humuli* Schk."

3. It is accepted by specialists that the nominal species *Aphis humuli* Schrank, 1801, and the nominal species *Aphis pruni* Scopoli, 1763 (*Ent. carniol.* : 138) represent the same taxonomic species and therefore that, if the specific name *pruni* Scopoli, 1763, was an available name, it would be subjectively the oldest available name for this species and would therefore be its valid name. Hitherto, however, the name *Aphis pruni* Scopoli, 1763, has been treated as a junior primary homonym of the name *Aphis pruni* Geoffroy, 1762 (*Hist. abrég. Ins. Paris* 2 : 497).

4. In a preceding application (Z.N.(S.) 428)² I have drawn attention to the fact that, under the general decision taken by the International Commission in Paris in 1948 regarding the status of names published by Geoffroy in 1762 in his *Histoire abrégée des Insectes qui se trouvent aux Environs de Paris* (1950, *Bull. zool. Nomencl.* 4 : 366—369), the specific name *pruni* Geoffroy, 1762, as published in the combination *Aphis pruni*, is seen not to be an available name. At the same time I have availed myself of the invitation extended by the International Commission, when giving the

² See Hottes, 1954, *Bull. zool. Nomencl.* 9 : 163—165.

Bull. zool. Nomencl. Vol. 11, Part 3. February 1955.

foregoing ruling, to submit an application that it should use its Plenary Powers to validate the specific name *pruni* Geoffroy, 1762, in order to avoid the confusion regarding the name of the Mealy Plum Aphid which (as I there explain) would otherwise be unavoidable. On the grant of the foregoing application, the name *Aphis pruni* Scopoli, 1763, would definitely become what it has hitherto been treated as being, namely an invalid junior homonym of the name *Aphis pruni* Geoffroy, 1762. A further result would be that the specific name *humuli* Schrank, 1801, as published in the combination *Aphis humuli*, the specific name of the type species of *Phorodon* Passerini, 1860, would become the oldest name available subjectively as well as objectively for that species.

5. There is at present no family-group name based on the generic name *Phorodon* Passerini, 1860, currently in use.

6. In the light of the considerations advanced in the present application, I hereby request that, consequentially upon the grant of the application Z.N.(S.) 428 submitted in regard to the specific name *pruni* Geoffroy, 1762, as published in the combination *Aphis pruni*, the International Commission should also :—

- (1) place the generic name *Phorodon* Passerini, 1860 (gender of generic name : masculine) (type species, by original designation : *Aphis humuli* Schrank, 1801) on the *Official List of Generic Names in Zoology* ;
- (2) place the specific name *humuli* Schrank, 1801, as published in the binominal combination *Aphis humuli* (specific name of type species of *Phorodon* Passerini, 1860) on the *Official List of Specific Names in Zoology* ;
- (3) place the specific name *pruni* Scopoli, 1763, as published in the binominal combination *Aphis pruni* (a junior primary homonym of *Aphis pruni* Geoffroy, 1762, when validated under the Plenary Powers, as proposed in application Z.N.(S.) 428) on the *Official Index of Rejected and Invalid Specific Names in Zoology*.